

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions and listings of claims.

1 1. (Currently amended) A target database system comprising:
2 a storage subsystem to store a plurality of temporary tables and a target
3 table; and
4 an access management subsystem adapted to receive, in parallel, groups of
5 data from a source database system for storage in corresponding temporary tables,
6 the access management subsystem adapted to further insert data from the
7 temporary tables into the target table and to make data in the target table available for
8 execution of database queries against that data.

1 2. (Original) The database system of claim 1, wherein the access
2 management system comprises plural access managers adapted to manage access of
3 respective portions of the storage subsystem.

1 3. (Original) The database system of claim 2, wherein the temporary tables
2 are defined according to definitions for a source table in the source system.

1 4. (Original) The database system of claim 2, wherein the plural access
2 managers are adapted to insert data from the temporary tables in parallel to the target
3 table.

1 5. (Original) The database system of claim 4, the storage subsystem to store
2 the definitions for the source table copied from the source system.

1 6. (Original) The database system of claim 2, wherein the plural access
2 managers comprise access module processors, the storage subsystem divided into plural
3 storage modules managed by respective access module processors.

1 7. (Original) The database system of claim 6, wherein the target table is
2 distributed across the plural storage modules.

1 8. (Original) The database system of claim 1, wherein the temporary tables
2 are relational tables.

1 9. (Original) The database system of claim 1, wherein the access
2 management subsystem has a configuration different from a configuration of an access
3 management system in the source system.

1 10. (Currently amended) A method of migrating data, comprising:
2 archiving data from a source table in a source database system;
3 transferring groups of the archived data, in parallel, to corresponding
4 temporary tables in a target database system; [[and]]
5 inserting data from the temporary tables into a target table in the target
6 database system; and
7 making data in the target table available for execution of database queries
8 against that data.

1 11. (Original) The method of claim 10, wherein archiving the data comprises
2 archiving the data using a plurality of concurrently active archive modules.

1 12. (Original) The method of claim 11, wherein transferring the groups of data
2 comprises restoring the groups of data, in parallel, using a plurality of restore modules.

1 13. (Original) The method of claim 12, further comprising communicating the
2 groups of data between respective pairs of archive modules and restore modules across a
3 transfer medium.

1 14. (Original) The method of claim 13, wherein communicating across the
2 transfer medium comprises communicating across a pipe defined by an operating system
3 in one of the source database system and target database system.

1 15. (Original) The method of claim 13, wherein communicating across the
2 transfer medium comprises communicating through an intermediate storage system.

1 16. (Original) The method of claim 10, further comprising storing the source
2 table across plural access managers, each access manager managing access to respective
3 portions of the source table.

1 17. (Original) The method of claim 16, wherein transferring groups of the data
2 comprises transferring clusters of the data, each cluster of data comprising data
3 associated with a respective set of plural access managers.

1 18. (Original) The method of claim 10, further comprising copying database
2 definitions from the source database system to the target database system.

1 19. (Original) The method of claim 18, further comprising creating the
2 temporary tables in the target database system using the copied database definitions.

1 20. (Original) The method of claim 10, wherein archiving the data comprises
2 archiving the data from a first source table, and transferring the groups of the archived
3 data comprises transferring the groups of the archived data to a first set of temporary
4 tables, the method further comprising:
5 archiving data from a second source table; and
6 transferring groups of the archived data from the second source table, in
7 parallel, to corresponding second set of temporary tables in the target database system.

1 21. (Original) The method of claim 20, further comprising inserting data from
2 the second set of temporary tables into a second target table in the target database system.

1 22. (Currently amended) A method of migrating data from a first source table
2 in a first database system to a second database system, comprising:
3 receiving groups of data from the source table from an intermediate
4 medium into corresponding temporary tables in the second database system,
5 defining the temporary tables according to definitions of the source table;
6 [[and]]
7 inserting rows of the temporary tables into a target table in the second
8 database system; and
9 making data in the target table available for execution of database queries
10 against that data.

1 23. (Original) The method of claim 22, wherein receiving the data comprises
2 receiving data from the groups in parallel into the corresponding temporary tables.

1 24. (Original) The method of claim 22, wherein receiving the data from the
2 intermediate medium comprises receiving the data over a data network.

1 25. (Original) The method of claim 22, wherein receiving the data from the
2 intermediate medium comprises receiving the data from an intermediate storage system.

1 26. (Currently amended) An article comprising at least one storage medium
2 containing instructions that when executed cause a target database system to:
3 receive one or more queries to set up temporary tables in the target
4 database system;
5 receive groups of data from a source table in a source database system into
6 the temporary tables; [[and]]
7 insert data from the temporary tables into a target table in the target
8 database system; and
9 make the data in the target table available for execution of database
10 queries against that data.

1 27. (Original) The article of claim 26, wherein the instructions when executed
2 cause the target database system to create the temporary tables using definitions for the
3 source table.

1 28. (Original) The article of claim 26, wherein the instructions when executed
2 cause the target database system to create the temporary tables to have at least one or
3 more of the following characteristics of the source table: columns, data types of columns,
4 primary key, and one or more indexes.

1 29. (Original) The article of claim 26, wherein the instructions when executed
2 cause the target database system to receive the groups of data comprising clusters of data.

1 30. (Original) The article of claim 29, wherein each cluster comprises data of
2 plural access module processors in the source database system.

1 31. (Original) An article comprising at least one storage medium containing
2 instructions for migrating data from a first source table in a first database system to a
3 second database system, the instructions when executed causing the second database
4 system to:
5 receive, in parallel, groups of data from the source table from an
6 intermediate medium into corresponding temporary tables in the second database system,
7 define the temporary tables according to definitions of the source table;
8 and
9 insert rows of the temporary tables, in parallel, into a target table in the
10 second database system.